

CLAIMS

1. A photocurable resin composition for forming an optical waveguide, the composition comprising a carboxy-containing unsaturated resin (A) obtained by reacting a carboxy-  
5 containing resin (a) with an epoxy-containing unsaturated compound (b); and a solvent (B).

2. The photocurable resin composition according to claim 1, further comprising a radical photopolymerization initiator.

10 3. A photocurable dry film for forming an optical waveguide, which is formed using the photocurable resin composition according to claim 1.

4. An optical waveguide comprising a lower cladding layer (I), a core (II) and an upper cladding layer (III), wherein  
15 at least one of (I), (II) and (III) is formed using the photocurable resin composition according to claim 1.

5. An optical waveguide comprising a lower cladding layer (I), a core (II) and an upper cladding layer (III), wherein  
at least one of (I), (II) and (III) is formed using the  
20 photocurable dry film according to claim 3.